



Vision, Goals, and Outcomes [Computer Science Program]

Program Mission

Preparing highly qualified graduates in the field of computer science through innovative education and scientific research, which develop creative and analytical abilities that contribute to the Kingdom's knowledge-based economy and development of society in various sectors.

Program Goals

1. To provide the community with professional graduates in the field of computers to design, implement and manage commercial and research projects.
2. To give the graduates the ability to cope with the rapid change in computer science field through self-development and professional training which enable them to create new ideas and innovations.
3. To enable graduates to adopt modern technologies that serve the needs of society.

Program learning Outcomes

- **Knowledge and Understanding**

K1 Understand with critical view of theories, concepts, techniques and key terms of computing, mathematics and natural science appropriate to the discipline.

- **Skills**

S1 Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.

S2 Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

- **Values**

V1 Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline

V2 Practice self-learning and personal development skills as computer professionals in designing, developing and maintaining technical computing projects

V3 Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

- **ABET Student Outcomes**

SO1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.

SO2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

SO3. Communicate effectively in a variety of professional contexts.

SO4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

SO5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

SO6. Apply computer science theory and software development fundamentals to produce computing-based solutions.

Mapping Program Learning Outcomes to ABET Student Outcomes

ABET Student Outcomes						Program Learning Outcome
SO6	SO5	SO4	SO3	SO2	SO1	
X					X	K1
					X	S1
				X		S2
	X					V1
			X			V2
		X				V3

Student Enrolment & Graduation Data

Graduated			Enrolled			Gregorian Year	Hijri Year
Total	Female	Male	Total	Female	Male		
524	361	163	237	157	80	2023/24	1445
238	165	73	227	139	88	2022/23	1444
197	120	77	250	169	81	2020/21	1443
226	172	54	386	256	130	2019/20	1442
231	179	52	409	255	154	2018/19	1441